

MD. Jahid Alam Riad

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Professional Experience

Global Systems LLC

Irving, TX, USA

Trainee Business Analyst (2025-present)

Conduct comprehensive business process analyses to identify improvement opportunities, enhance operational efficiency and strategic alignment. Collaborate with cross-functional teams to gather, define, and translate complex business requirements into effective, data-driven solutions. Facilitate clear communication between stakeholders and technical teams to ensure alignment and successful project execution. Design and deliver insightful reports and dashboards to support high-impact decision-making. Continuously evaluate project outcomes to ensure solutions meet business objectives and deliver measurable value.

Institute of Science Trade and Technology (ISTT)

Dhaka, Bangladesh

Computer Technology Lecturer (2021–2023)

Teach advanced computer science courses, emphasizing programming, algorithms, and system design. Develop and update the curriculum to include the latest technological advancements. Foster a collaborative and interactive classroom environment and mentor students on academic and career development.

Young Force Security Services Ltd.

Dhaka, Bangladesh

IT Executive (2019–2020)

Oversaw IT infrastructure, managed network security, implemented databases and software solutions. Improved system reliability and security protocols. Conducted regular system audits and provided IT support across departments.

Education

Washington University of Science and Technology

Alexandria, VA, USA

2023–2024

Masters of Science in IT

Major in IT System and Management

Noakhali Science and Technology University

Noakhali, Bangladesh

2013–2019

Bachelor of Science in Computer Science and Telecommunication Engineering

Focus on digital communication systems and image transmission technologies. Conducted research on DCT based SC-FDMA systems, culminating in a thesis on secure medical image transmission.

Dhaka College

Dhaka, Bangladesh

2010–2012

Higher Secondary Certificate

Major in Science. Excelled in advanced mathematics and physics.

Publications

2024: Advanced Retinal Image Segmentation using U-Net Architecture: A Leap Forward in Ophthalmological Diagnostics.

BiLSTM Models with and Without Pretrained Embeddings and BERT on German Patient Reviews.

2025: Exploring Religions and Cross-Cultural Sensitivities in Conversational AI.

Fine-Tuning Large Language Models for Regional Dialect Comprehended Question answering in Bangla.

Fine-Tuning Large Language Models for Sentiment Classification of AI-Related Tweets

Technical Skills

⦿ **Languages:** Python, C, C++, HTML/CSS, JavaScript, SQL

⦿ **Databases:** MySQL, MongoDB

⦿ **Libraries:** TensorFlow, SciKit Learn, Pandas, NumPy, Keras, React.js, Node.js, Laravel.

⦿ **Others:** Data Science, Machine Learning, Quantitative and Qualitative Analysis, Git, GitHub, SAAS, Next.js.

Languages

Bengali: Mother tongue

English: Professional Proficiency

Additional Information

Leadership: Led the team during industrial tours and served as the captain of the university cricket team. Demonstrated leadership in coordinating and guiding team activities.

Conferences & Seminars: Active participant and speaker at various IT-related conferences. Engaged in ongoing professional development and networking within the tech community.

Certificates of Presentation & Participation:

Third international Conference on Artificial Intelligence and Machine Learning Applications (AIMLA)

First International Conference on Emerging Technologies and Computing Innovations (ICETCI-2025)

IEEE Authorship and Open Access Symposium: Tips and Best Practices to Get Published from IEEE Editors.

Professional certifications:

React - The Complete Guide- Udemy.

DevOps Beginners to Advanced with Projects- Udemy.

Co-reviewing with a mentor (with assignment)-Web of Science

Reviewing in the Sciences- Web of Science.